

SYSTEM AND ARRANGEMENT FOR PRODUCTION AND INSERTION OF A DENTAL BRIDGE STRUCTURE

ABSTRACT OF THE DISCLOSURE

A system comprises a computer appliance (7) designed to receive, and to present on screen, first information (12) transmitted from identification equipment (6) and based on detection of a jaw bone structure. Modification information which can be introduced into the computer appliance shows a visual dental bridge structure applied on the jaw bone structure with associated teeth and dentine. Orientations for implants are also shown. The computer appliance produces a CAD file which is based on the first information and the modification information. The file is received in a stereolithography machine which issues second information which can be processed in the equipment (9) for production of the physical template with associated which includes through-bores for sleeves which define determine recessed positions and directions for the implants implant orientation. A working model (16) is produced with the aid of the physical template ~~which is also used for hole formation in the jaw bone structure~~. The invention also relates to an arrangement of a template produced by stereolithography and by means of information from the computer appliance. ~~By means of the invention, the installation of the dental bridge on the patient can be increased at lower cost, with shorter times and a sustained degree of accuracy.~~

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